

V.P. & R.P.T.P SCIENCE COLLEGE
 INTERANAL EXAM
 T.Y.B.Sc (SEM.-V) INSTRUMENTATION(V)
 SUB. CODE:-US05CINV05

DATE:-07/10/2017

TIME :- 11:00 am to 12:30 pm

MARKS-25

- Q-1 Choose correct answer [3]
1. _____ is machine control instruction.

(A) RET	(C) NOP
(B) JNC	(D) none of above
 2. _____ is 16 bit register in 8085up.

(A) flag	(C) stack pointer
(B) accumulator	(D) none of above
 3. The address busses of 8085 up contain _____ bits.

(A) 4	(C) 64
(B) 8	(D) none of above
- Q-2 Short answer type question.(attempt any two) [4]
1. List pins of interrupt control section of 8085 microprocessor.
 2. Define program and software.
 3. Why data bus is bi-directional?
- Q-3 Draw architectural block diagram of 8085 microprocessor and briefly discuss each section of it. [6]
- OR
- Q-3 Discuss concept of 8085 up. [6]
- 1) bus timing
 - 2) generating control signal
- Q-4 Discuss different data transfer and arithmetic instructions with suitable illustration [6]
- OR
- Q-4 A. Write a programme to load two different numbers in two registers. [3]
 Now subtract one number from another such that carry flag will set and display the answer at port 1.
- B. State different addressing mode of 8085 microprocessor with example. [3]
- Q-5 Discuss different logical instruction with illustration [6]
- OR
- Q-5 Discuss classification of instructions according to word size. [6]

